AUTO BAIT COVER™

USER MANUAL

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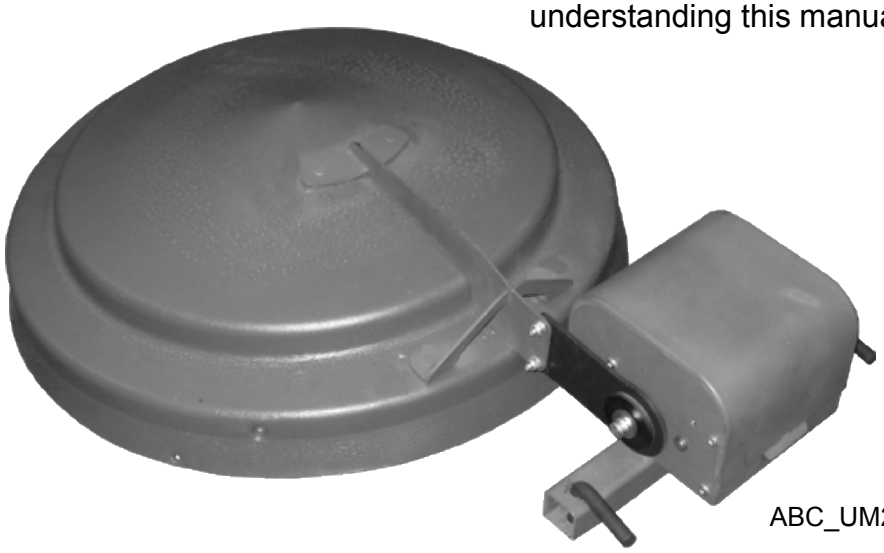
⚠WARNING : Do not hook up battery before fully reading and understanding this manual



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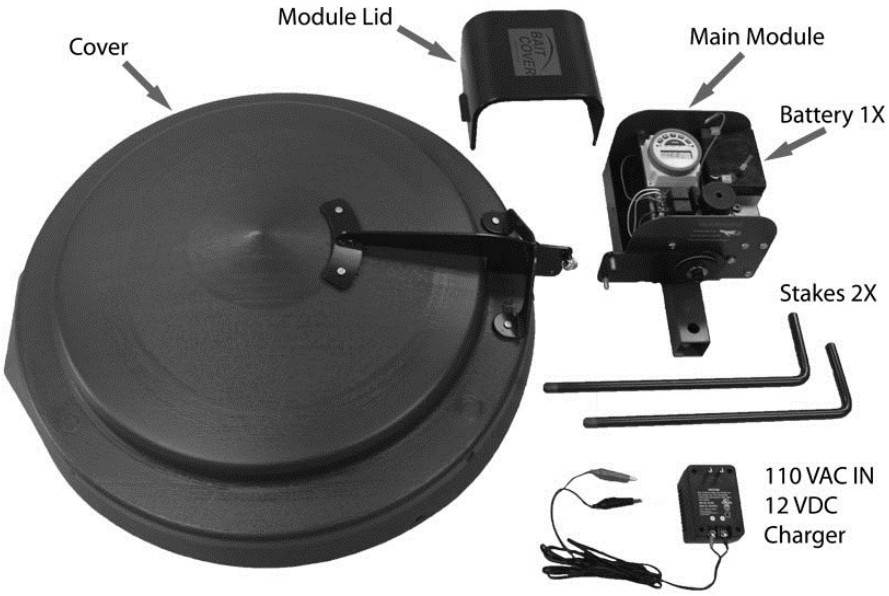
WHAT IS INCLUDED



⚠WARNING : Bait Cover needs to be staked to the ground before any arm rotation is attempted.

⚠WARNING : Do not remove or reattach the module lid when arm is moving.

⚠WARNING : Bait Cover needs to be in the closed position when removing or reattaching the module lid.

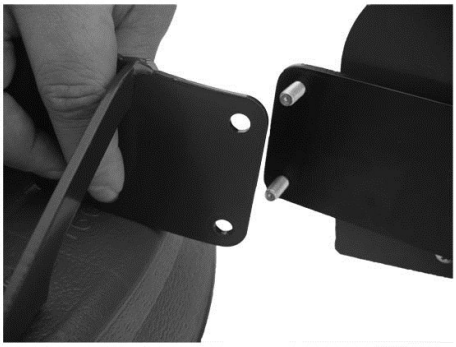
OPERATION

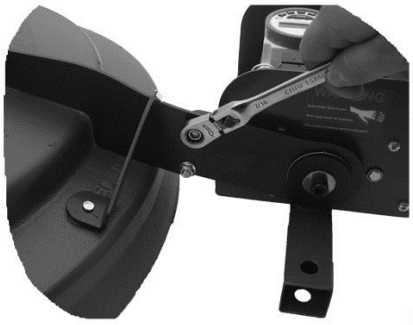
The automatic, battery powered Bait Cover is staked beside your bait pile and will open and close at the times you set. You control the movement of the rotating arm/cover by pressing the MANUAL button on the timer to one of three modes shown below.

ON - will rotate cover open 190°	AUTO - opens/closes to your programed Timer settings	OFF - will rotate cover closed 190°

Opened Position Closed Position

ASSEMBLY





Attach cover bracket to main module arm using 1/4-20 nuts included.

⚠WARNING : Do not loosen or tighten main pivot screw. It is factory torqued.

BATTERY

⚠WARNING : Do not connect battery until Bait Cover is staked to ground.

⚠WARNING : Do not short battery terminals against anything metallic.

- Charge battery before use.
- Battery may come with half a charge.

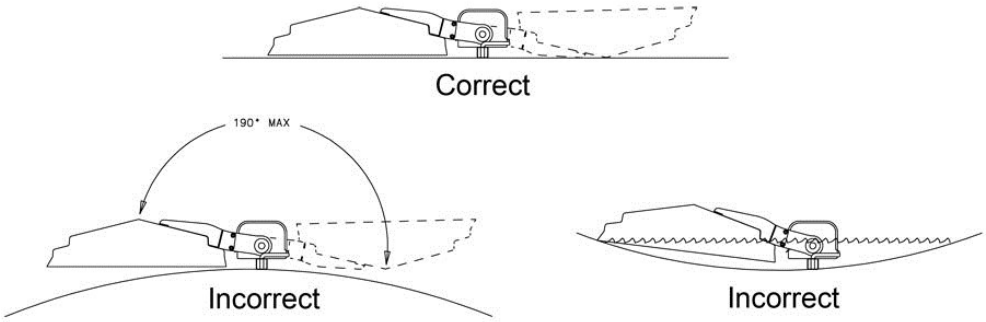
- Battery: 12 VDC, 5 Ah capacity.
- Charger: 110 VAC input, 12 VDC, 0.5 A output.

⚠WARNING : Charger will be damaged if connected incorrectly.

- Remove protective caps from battery.
- Connect charger leads, red to red and black to black.
- Red light means battery is charging.
- Green light means battery is fully charged, may take 10 hours.
- It is recommended to place protective caps back on battery terminal after charging.

STAKING BAIT COVER

- Select a suitable Bait Cover location that is relatively flat and will not flood with water.



- The Bait Cover has a slip clutch on the rotating arm. If placed on level ground, the cover is intended to touch the ground in both the closed position and open position, with the clutch slipping a small amount upon contact with the ground. This ensures the cover contacts tightly with the ground when closed. The main pivot screw on the slip clutch is factory torqued to 130 in. lbs., to allow for a cover lifting force of 12 lbs. at the end of the cover.

Push stakes in through tube holes with the module upright.

TIMER PROGRAMING

Timer button functions
TIMER: Lets you see/set timer programs
MANUAL: To select ON/AUTO/OFF
    ON: Opens Bait Cover
    AUTO: Timer follows set ON/OFF programs to open/close
    OFF: Closes Bait Cover
CLOCK: To adjust current day and time
DAY: To adjust day of week
HOUR: To adjust hour
MIN: To adjust minute
Ⓧ: Resets timer's settings, erasing ON/OFF programs

Timer is in 24 hour format: example: 7:30 pm is 19:30

Adjusting CLOCK
Press and hold CLOCK and then press HOUR / MIN / DAY respectively to adjust the clock to current hour, minute and day.

Programming the TIMERS
1. Press TIMER until 1^{ON} (open) shows on the display.
2. Press HOUR / MIN to set desired time for 1^{ON} (open).
3. After finishing 1^{ON} (open) press TIMER to get to 1^{off} (close).
4. Repeat steps 2-3, to set additional timers under 2^{ON} - 18^{off} if more timers are desired.
5. After setting programs press CLOCK to return to active functions

Setting the day schedule
The timer defaults to running on the #1 day schedule, which is every day of the week.

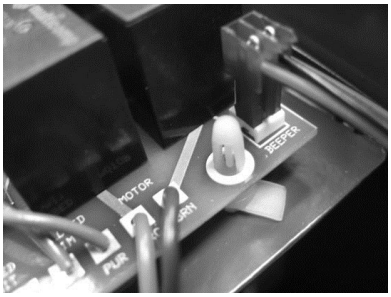
If you would like to set **ALL** of your timers to run on a different day schedule, the chart on the right depicts all availible day schedules.

Press TIMER then press DAY to select one of the 15 day schedules. Day schedule should be the same for your ON and OFF timers.

1.	MO	TU	WE	TH	FR	SA	SU
2.	MO						
3.		TU					
4.			WE				
5.				TH			
6.					FR		
7.						SA	
8.							SU
9.	MO	TU	WE	TH	FR		
10.						SA	SU
11.	MO	TU	WE	TH	FR	SA	
12.	MO	TU	WE				
13.				TH	FR	SA	
14.	MO		WE		FR		
15.		TU		TH		SA	

START UP

- A beeper is included with the Bait Cover. When plugged in to the board it will beep when the Bait Cover is opening. If you do not want to use the beeper, unplug and remove it.



- After test running is satisfactory, cycle the MANUAL button to OFF (close cover), press MANUAL button to AUTO (use timers). Bait Cover should remain closed, and the module lid can now be safely reattached.

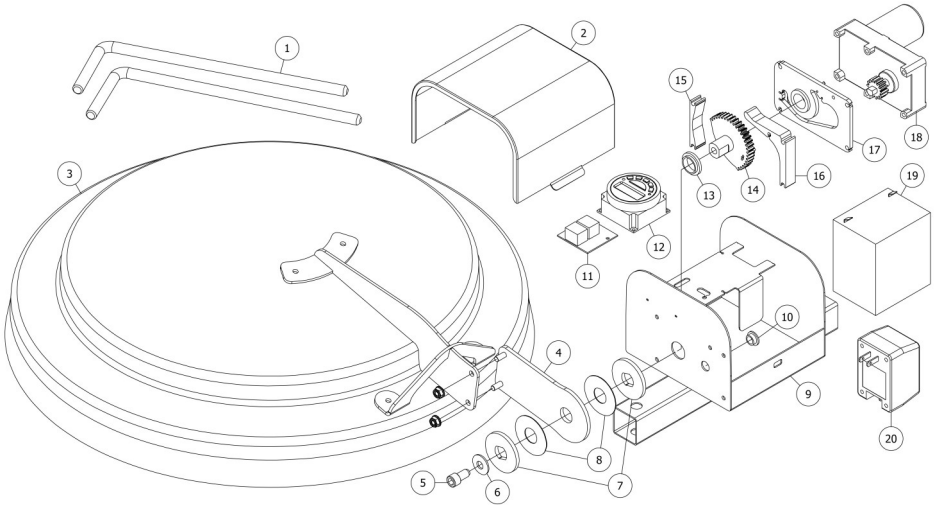
Tips on using your Bait Cover

- After placing your Bait Cover, initially, you may want to leave it open for a longer time during the day to better acclimate the deer feeding beside it. Later, you can trim the open time down to your desired times.
- Battery life varies with usage style and temperature, approximate battery life is 30 days.
- Bait Cover may freeze to the ground in colder temperatures with sleet or snowfall. Check Bait Cover and break it free from the ground in these conditions.
- The Bait Cover is engineered to hold to the ground when deer are present and lift up by overcoming the slip clutch when bear are present, to minimize permanent unit damage in the case of excessive side load, the cover bracket is designed to bend at a certain area, protecting other parts from damage. The cover bracket may be easily bent back to its original shape.

TROUBLESHOOTING

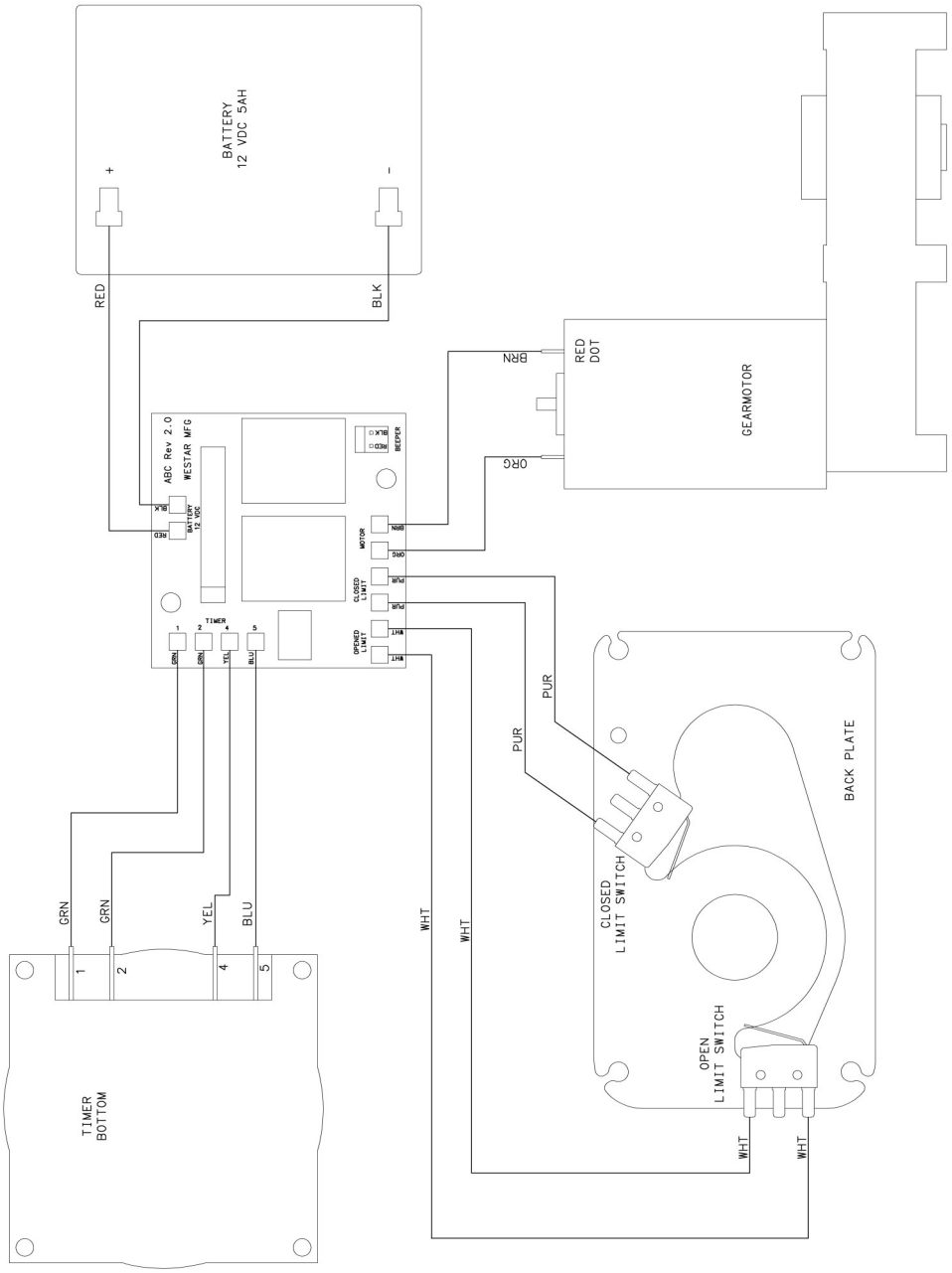
Problem	Cause	Solution
Bait Cover does not rotate open or close when pressing MANUAL button to ON and OFF	. Battery dead . Battery wired disconnected . Board/motor wires disconnected . Damaged motor . Damaged board . Damaged timer	. Charge battery . Reconnect battery terminals . Check and reconnect . Check and replace . Replace . replace
In AUTO mode Bait Cover does not open and close using timers or activates at the wrong time	. May not be set to AUTO . No ON (open) or OFF (close) timers set . Clock set incorrectly	. Press MANUAL button to set into AUTO mode . Set timers . Set clock, note: its is in 24 hour format
No display on timer	. Lithium battery inside timer dead . Damaged timer	. Replace battery note: battery good for approximately 3 years . Replace timer
Bait Cover motor runs but arm doesn't rotate	. Cover frozen to ground . Slip clutch pivot screw loose . Worn friction discs on slip clutch . Damaged gear train	. Free cover from ground . Tighten screw to 130 in. lbs. using Loctite thread locker. Do not tighten past 200 in. lbs. . Replace . Replace gear motor or final drive gear
When checking Bait Cover it is partially off the ground in the closed position	. Bait Cover staked to ground that's not level . An animal lifted the cover	. Reposition Bait Cover to a better location . Set an additional timer to open, then close the cover 1 minute later, this will reset the cover to the ground

ASSEMBLY



No.	Description	Part #
1	Stakes	611521
2	Enclosure lid	611415
3	Cover and bracket assembly	611628
4	Swing arm	611520
5	3/8-24 x .75 SHCS, torque to 130 in. lbs. / MMC	90128a362
6	Spring washer / Lee Spring	375-080-1000
7	Clutch washer	611518
8	Clutch friction disc, 0.03 in. thick	611519
9	Main enclosure box	611414
10	3/8 ID x .25 bronze flange bushing / MMC	2938t6
11	Board with wiring harness assembly	611406
12	Timer	611405
13	Output shaft bushing	611526
14	Final drive gear and shaft assembly	611527
15	Final drive spacer	611516
16	Final drive dog leg spacer	611524
17	Back plate assembly with bushing and limit switches	611611
18	Gear motor with gear	611408
19	National 12 VDC 5Ahr battery	NP5-12
20	Battery charger	12V0.5Ah

ELECTRICAL SCHEMATIC



LIMITED WARRANTY

Westar Mfg. Corp. warrants to the original purchaser of the Bait Cover, that is not manufactured by others, to be free from defects in material and workmanship under normal use and service, and when properly maintained by the purchaser. Westar's obligation under this warranty is limited to repairing at Westar's factory or furnishing a replacement for any part, or correcting any workmanship, which shall be demonstrated to Westar's satisfaction to have been defective at the time of delivery and with respect to which a written claim specifying the particular defect or defects shall have been delivered to Westar within 6 months from the date of purchase of the Bait Cover to the original purchaser.

Defective parts shall be returned to Westar F.O.B. Westar's factory, and repaired or replacement parts shall be shipped by Westar F.O.B. Westar's Factory. The removal by purchaser of parts returned to Westar for repair or replacement and the installation by the purchaser of replacement or repaired parts shall be at purchaser's expense.

Repairs, replacements or adjustments for which Westar is responsible will be made as promptly as possible within the standard working hours of any day. Overtime, if required by purchaser, will be paid for by purchaser.

Westar does not warrant equipment manufactured by others but will submit the manufacturer's warranty to purchaser upon request.

EXCEPT AS EXPRESSLY STATED HEREIN, THERE ARE NO WARRANTIES, EXPRESS OR IMPLIED, BY OPERATION OF LAW OR OTHERWISE, OF THE EQUIPMENT OR SERVICES FURNISHED BY WESTAR. WESTAR SPECIFICALLY DISCLAIMS AND EXCLUDES ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ARISING FROM A COURSE OF DEALING OR USAGE OF TRADE. THERE ARE NO WARRANTIES WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF. Westar shall not be liable for, nor does Westar authorize any person to assume for Westar, any other liability in connection with the equipment or services furnished by Westar, including, without limiting the generality of the foregoing, liability for loss of product, or liability for direct, incidental, indirect, special or consequential damages or any damages to persons or property. Westar will make no allowances for repairs, alteration or other work done unless specifically agreed to in writing. Purchaser agrees that purchaser's sole remedy for liability of any kind, including negligence with respect to the equipment and services furnished by Westar shall be limited to the remedies provided herein.

DISCLAIMER

Although instruction and recommendations are included for installation and operation of your Bait Cover, Westar Mfg. does not assume responsibility for the installation or use of this equipment nor shall we be held liable for the direct or consequential damages resulting from the improper methods, or procedures.

AUTO BAIT COVER™

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